

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING

ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/573,307
Source: IFWP
Date Processed by STIC: 04/06/2006

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWP

RAW SEQUENCE LISTING

DATE: 04/06/2006

PATENT APPLICATION: US/10/573,307

TIME: 11:05:41

Input Set : D:\ARCD398WO.APP.txt

Output Set : N:\CRF4\04062006\J573307.raw

5 <110> APPLICANT: SISODIA, SANGRAM S.
 6 YU, CHUNJIANG
 8 <120> TITLE OF INVENTION: MEMBRANE PREPARATION FROM PICHIA PASTORIS TO ASSAY
 9 Y-SECRETASE ACTIVITY
 11 <130> FILE REFERENCE: ARCD:398WO
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/573,307
 C--> 13 <141> CURRENT FILING DATE: 2006-03-24
 W--> 14
 16 <150> PRIOR APPLICATION NUMBER: 10/948,629
 17 <151> PRIOR FILING DATE: 2004-09-23
 19 <150> PRIOR APPLICATION NUMBER: 60/505,601
 20 <151> PRIOR FILING DATE: 2003-09-23
 22 <160> NUMBER OF SEQ ID NOS: 16
 24 <170> SOFTWARE: PatentIn Ver. 2.1
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 2763
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Homo sapiens
 31 <400> SEQUENCE: 1
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 34 ctgggagcct gcaagtgcac acagcctttg cggtccttag acagcttgcc ctggaggaga 180
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 36 ttgctccaat gacagagtta cctgcacctt tgtcctactt ccagaatgca cagatgtctg 300
 37 aggacaacca cctgagcaat actgtacgta gccagaatga caatagagaa cggcaggagg 360
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 55 gagtaaaact tggattggga gatttcattt tctacagtgt tctggttggt aaagcctcag 1440

Does Not Comply
 Corrected Diskette Needed
 CP3-416

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Input Set : D:\ARCD398WO.APP.txt

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83 <212> TYPE: PRT
84 <213> ORGANISM: Homo sapiens
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88 1 5 10 15
90 Ser Glu Asp Asn His Leu Ser Asn Thr Val Arg Ser Gln Asn Asp Asn
91 20 25 30
93 Arg Glu Arg Gln Glu His Asn Asp Arg Arg Ser Leu Gly His Pro Glu
94 35 40 45
96 Pro Leu Ser Asn Gly Arg Pro Gln Gly Asn Ser Arg Gln Val Val Glu
97 50 55 60
99 Gln Asp Glu Glu Glu Asp Glu Glu Leu Thr Leu Lys Tyr Gly Ala Lys
100 65 70 75 80
102 His Val Ile Met Leu Phe Val Pro Val Thr Leu Cys Met Val Val Val
103 85 90 95
105 Val Ala Thr Ile Lys Ser Val Ser Phe Tyr Thr Arg Lys Asp Gly Gln
106 100 105 110
108 Leu Ile Tyr Thr Pro Phe Thr Glu Asp Thr Glu Thr Val Gly Gln Arg
109 115 120 125
111 Ala Leu His Ser Ile Leu Asn Ala Ala Ile Met Ile Ser Val Ile Val
112 130 135 140
114 Val Met Thr Ile Leu Leu Val Val Leu Tyr Lys Tyr Arg Cys Tyr Lys
115 145 150 155 160
117 Val Ile His Ala Trp Leu Ile Ile Ser Ser Leu Leu Leu Leu Phe Phe

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118          165          170          175
120 Phe Ser Phe Ile Tyr Leu Gly Glu Val Phe Lys Thr Tyr Asn Val Ala
121          180          185          190
123 Val Asp Tyr Ile Thr Val Ala Leu Leu Ile Trp Asn Phe Gly Val Val
124          195          200          205
126 Gly Met Ile Ser Ile His Trp Lys Gly Pro Leu Arg Leu Gln Gln Ala
127          210          215          220
129 Tyr Leu Ile Met Ile Ser Ala Leu Met Ala Leu Val Phe Ile Lys Tyr
130 225          230          235          240
132 Leu Pro Glu Trp Thr Ala Trp Leu Ile Leu Ala Val Ile Ser Val Tyr
133          245          250          255
135 Asp Leu Val Ala Val Leu Cys Pro Lys Gly Pro Leu Arg Met Leu Val
136          260          265          270
138 Glu Thr Ala Gln Glu Arg Asn Glu Thr Leu Phe Pro Ala Leu Ile Tyr
139          275          280          285
141 Ser Ser Thr Met Val Trp Leu Val Asn Met Ala Glu Gly Asp Pro Glu
142          290          295          300
144 Ala Gln Arg Arg Val Ser Lys Asn Ser Lys Tyr Asn Ala Glu Ser Thr
145 305          310          315          320
147 Glu Arg Glu Ser Gln Asp Thr Val Ala Glu Asn Asp Asp Gly Gly Phe
148          325          330          335
150 Ser Glu Glu Trp Glu Ala Gln Arg Asp Ser His Leu Gly Pro His Arg
151          340          345          350
153 Ser Thr Pro Glu Ser Arg Ala Ala Val Gln Glu Leu Ser Ser Ser Ile
154          355          360          365
156 Leu Ala Gly Glu Asp Pro Glu Glu Arg Gly Val Lys Leu Gly Leu Gly
157          370          375          380
159 Asp Phe Ile Phe Tyr Ser Val Leu Val Gly Lys Ala Ser Ala Thr Ala
160 385          390          395          400
162 Ser Gly Asp Trp Asn Thr Thr Ile Ala Cys Phe Val Ala Ile Leu Ile
163          405          410          415
165 Gly Leu Cys Leu Thr Leu Leu Leu Leu Ala Ile Phe Lys Lys Ala Leu
166          420          425          430
168 Pro Ala Leu Pro Ile Ser Ile Thr Phe Gly Leu Val Phe Tyr Phe Ala
169          435          440          445
171 Thr Asp Tyr Leu Val Gln Pro Phe Met Asp Gln Leu Ala Phe His Gln
172          450          455          460
174 Phe Tyr Ile
175 465
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181 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
185 Primer
187 <400> SEQUENCE: 3
188 ggcgaattca ccatgggggc tgcggtgt
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28

RAW SEQUENCE LISTING

DATE: 04/06/2006

PATENT APPLICATION: US/10/573,307

TIME: 11:05:41

Input Set : D:\ARCD398WO.APP.txt

Output Set: N:\CRF4\04062006\J573307.raw

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194 <213> ORGANISM: Artificial Sequence
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220 <213> ORGANISM: Artificial Sequence
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226 <400> SEQUENCE: 6
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231 <211> LENGTH: 30
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233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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239 <400> SEQUENCE: 7
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243 <210> SEQ ID NO: 8
244 <211> LENGTH: 30
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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252 <400> SEQUENCE: 8
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256 <210> SEQ ID NO: 9
257 <211> LENGTH: 36
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial Sequence
W--> 261

g of 22137 Response 30 is P/s Explain
Artificial or Unknown. See pg-7 for
the source. See explanation
error explanation
P/s Insert C2207 numeric
Identifier

RAW SEQUENCE LISTING

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Input Set : D:\ARCD398WO.APP.txt

Output Set: N:\CRF4\04062006\J573307.raw

W--> 261

W--> 261 <400> 9

262 tctctcgaga aaagagatgc agaattccga catgac 36

265 <210> SEQ ID NO: 10

266 <211> LENGTH: 33

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268 <213> ORGANISM: Artificial Sequence

270 <220> FEATURE:

271 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

272 Primer

274 <400> SEQUENCE: 10

275 ggctctagac cggtctgcat ctgctcaaag aac 33

278 <210> SEQ ID NO: 11

279 <211> LENGTH: 29

280 <212> TYPE: DNA

281 <213> ORGANISM: Artificial Sequence

283 <220> FEATURE:

284 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

285 Primer

287 <400> SEQUENCE: 11

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291 <210> SEQ ID NO: 12

292 <211> LENGTH: 30

293 <212> TYPE: DNA

294 <213> ORGANISM: Artificial Sequence

296 <220> FEATURE:

297 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

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305 <211> LENGTH: 28

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307 <213> ORGANISM: Artificial Sequence

309 <220> FEATURE:

310 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

311 Primer

313 <400> SEQUENCE: 13

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323 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

324 Primer

326 <400> SEQUENCE: 14

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330 <210> SEQ ID NO: 15

10/573, 307

pg-6

SEQUENCE LISTING

<110> SISODIA, SANGRAM S.
YU, CHUNJIANG

<120> MEMBRANE PREPARATION FROM PICHIA PASTORIS TO ASSAY
Y-SECRETASE ACTIVITY

<130> ARCD:398WO

<141> PCT/US2004/031230
<141> 2004-09-23

→ P/s change it
to C1407.

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/573,307

DATE: 04/06/2006
TIME: 11:05:42

Input Set : D:\ARCD398WO.APP.txt
Output Set: N:\CRF4\04062006\J573307.raw

Use of <220> Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Error Explanation

Seq#:9

VERIFICATION SUMMARY

DATE: 04/06/2006

PATENT APPLICATION: US/10/573,307

TIME: 11:05:42

Input Set : D:\ARCD398WO.APP.txt

Output Set: N:\CRF4\04062006\J573307.raw

L:13 M:270 C: Current Application Number differs, Missing <140> CURRENT APPLICATION NUMBER: is Added.

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:14 M:280 W: Numeric Identifier already exists, <141> found multiple times

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:261 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:9, <213>

ORGANISM:Artificial Sequence

L:261 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:9, <213>

ORGANISM:Artificial Sequence

L:261 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:9,Line#:261